

Converting Colors

$Yxy(35.1502, 0.3880, 0.3408)$

Have a look what the booklet for
Yxy(35.1502, 0.3880, 0.3408)
contains.

Yxy(35.1502, 0.3880, 0.3408)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(35.1502, 0.3880, 0.3408)

Conversions

Conversions Part 1

Format	Color
Hex	CE9188
RGB	206, 145, 136
RGB Percent	81%, 57%, 53%
CMY	0.1923, 0.4313, 0.4666
CMYK	0.00, 0.30, 0.34, 0.19
HSL	8°, 42%, 67%
HSV	8°, 34%, 81%
XYZ	40.0184, 35.1502, 27.9716
YIQ	162.2130, 39.2450, 10.1330

Conversions

Conversions Part 2

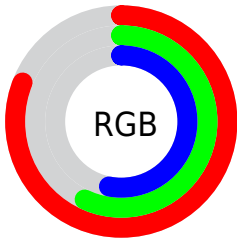
Format	Color
R _Y B	206, 146, 136
Decimal	13537672
CIE Lab	65.87, 21.88, 14.01
CIE LCh	66, 25.983, 32.622
Yxy	35.1502, 0.3880, 0.3408
Android (android.graphics.Color)	4291727752 (0xFFCE9188)
YUV	162.2130, -12.9230, 38.4012
Hunter-Lab	59.2876, 16.7320, 13.5286

Details

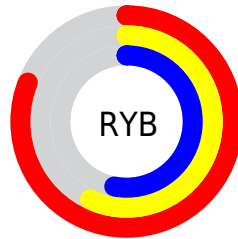
The Yxy color **35.1502, 0.3880, 0.3408** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **49.6092, 0.2634, 0.3167**, and the grayscale version is **36.2852, 0.3127, 0.3290**.

A 20% lighter version of the original color is **65.7810, 0.3657, 0.3395**, and **15.1613, 0.4132, 0.3431** is the 20% darker color. If you saturate the color by 10%, you get **29.5624, 0.4211, 0.3443**, and if you desaturate by 10%, it is **41.7203, 0.3604, 0.3372**.

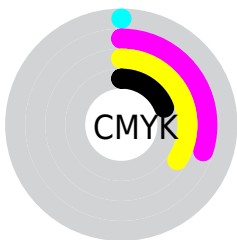
Distribution



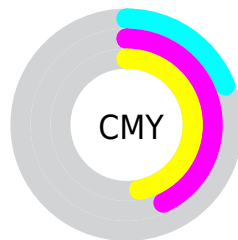
- Red (81%)
- Green (57%)
- Blue (53%)



- Red (81%)
- Yellow (57%)
- Blue (53%)



- Cyan (0%)
- Magenta (30%)
- Yellow (34%)
- Black (19%)





- Cyan (19%)
- Magenta (43%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 35.1502, 0.3880, 0.3408 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the Yxy color 35.1502, 0.3880, 0.3408 by changing the saturation by 10% instead.


 35.1502, 0.3880,
0.3408


 35.1502, 0.3880,
0.3408


325.2308, 0.3482,
0.3357


 23.7786, 0.3986,
0.3417


 67.7184, 0.3730,
0.3392

 15.1695, 0.4127,
0.3427


 89.6838, 0.3676,
0.3385

 8.9384, 0.4321,
0.3435

 115.9492, 0.3630,
0.3379

 4.7010, 0.4605,
0.3437

146.8990, 0.3591,
0.3374

 2.0729, 0.5053,
0.3412

182.9177, 0.3558,
0.3369

 0.6493, 0.6471,
0.3529

224.3897, 0.3529,

 0.0000, 1.0000,

0.3364

0.0000

271.6992, 0.3504,
0.3361

0.0000, 0.0000,
0.0000

35.1502, 0.3880,
0.3408

35.1502, 0.3880,
0.3408

29.5624, 0.4211,
0.3443

41.7203, 0.3604,
0.3372

24.9048, 0.4598,
0.3471

49.3115, 0.3377,
0.3336

21.1281, 0.5027,
0.3488

57.9668, 0.3191,
0.3303

18.1765, 0.5468,
0.3487

67.7248, 0.3039,
0.3272

15.9877, 0.5868,
0.3462

78.6228, 0.2915,
0.3244

■ 14.4901, 0.6168,
0.3413

■ 90.3962, 0.2837,
0.3265

■ 13.8799, 0.6296,
0.3383

■ 91.8583, 0.2838,
0.3289

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



35.1502, 0.3632, 0.3089



35.1502, 0.3880, 0.3408



35.1502, 0.3908, 0.3721

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



35.1502, 0.3880, 0.3408



35.1502, 0.2972, 0.3830



35.1502, 0.2549, 0.2655

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



35.1502, 0.3880, 0.3408



49.6092, 0.2634, 0.3167

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



35.1502, 0.2400, 0.2800



35.1502, 0.3880, 0.3408



35.1502, 0.2631, 0.3481

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



35.1502, 0.3880, 0.3408



35.1502, 0.3369, 0.4002



35.1502, 0.2428, 0.3095



35.1502, 0.2852, 0.2669

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



35.1502, 0.3880, 0.3408



35.1502, 0.3801, 0.3887



35.1502, 0.2428, 0.3095



35.1502, 0.2480, 0.2685

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



35.1519, 0.3880, 0.3408



85.0997, 0.3301, 0.3323



34.7983, 0.3245, 0.2542



17.7977, 0.3328, 0.3328



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



35.1519, 0.3880, 0.3408



49.9941, 0.4125, 0.3435



47.1988, 0.3737, 0.3830



11.4425, 0.3287, 0.3320



8.6287, 0.6278, 0.3397



0.5237, 0.5980, 0.3633

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



49.6092, 0.2634, 0.3167



76.9796, 0.2539, 0.3136



35.8245, 0.2571, 0.2680



12.4711, 0.2983, 0.3259



22.8169, 0.2134, 0.2882



1.2475, 0.2158, 0.2969

Previews

White Background



This preview shows how the Yxy color 35.1502, 0.3880, 0.3408 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 35.1502, 0.3880, 0.3408 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 35.1502, 0.3880, 0.3408

Background



This preview shows how black text looks on a background with the Yxy color 35.1502, 0.3880, 0.3408.



This preview shows how white text looks on a background with the Yxy color 35.1502, 0.3880, 0.3408.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

35.1502, 0.3880, 0.3408

Protanopia

35.3707, 0.3342, 0.3524

Deuteranopia

35.1467, 0.3643, 0.3570



Tritanopia

35.0558, 0.3726, 0.3152

Trichromacy



Original Color

35.1502, 0.3880, 0.3408

Protanomaly

35.1895, 0.3527, 0.3488

Deuteranomaly

35.2199, 0.3728, 0.3508

Tritanomaly

35.0169, 0.3778, 0.3241

Monochromacy



Original Color

35.1502, 0.3880, 0.3408

Achromatopsia

36.1307, 0.3127, 0.3290

Achromatomaly

35.5418, 0.3376, 0.3333

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.1502, 0.3880, 0.3408 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(206, 145, 136)` looks like.

```
.text, #text, p{  
    color:rgb(206, 145, 136)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(206, 145, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 145, 136) }
```

Border

The CSS property to change the border of an element to Yxy 35.1502, 0.3880, 0.3408 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(206, 145, 136) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(206, 145, 136) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(206, 145, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 145, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 145, 136);  
box-shadow:4px 4px 4px 4px rgb(206, 145,  
136) }
```


Background

The CSS property to change the background color of an element to Yxy 35.1502, 0.3880, 0.3408 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 145, 136) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(206,  
145, 136) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor